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Our File No. 9281-4617

Client No. N US02032

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Naoya Hasegawa )  
Serial No. To be Assigned )  
Filing Date: Herewith )  
For Giant Magnetoresistive Element )

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicant hereby submits references A1 – A4 listed on the attached form PTO-1449 for consideration by the Examiner. Copies of the references are enclosed herewith.

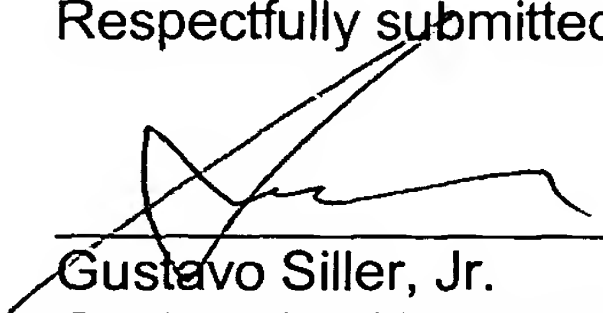
The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicant reserves the right to contest these references as prior art against the present application, and Applicant does not believe that the disclosure of these references, even if finally determined to be prior art, anticipates Applicant's invention or that these references make Applicant's invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is

hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicant respectfully requests that the Examiner review the entire disclosure of these documents and make them of record.

Respectfully submitted,



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Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicant

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200

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| <b>FORM PTO-1449</b><br><br><b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b><br><br>(use several sheets if necessary) | SERIAL NO.     | CASE NO.       |
|   | To be Assigned | 9281-4617      |
|   | FILING DATE    | GROUP ART UNIT |
| Herewith  |                |                |
| APPLICANT: Naoya Hasegawa   |                |                |

| REFERENCE DESIGNATION |    | U.S. PATENT DOCUMENTS |         |                 |                 |             |
|-----------------------|----|-----------------------|---------|-----------------|-----------------|-------------|
| EXAMINER INITIAL      |    | DOCUMENT NUMBER       | DATE    | NAME            | CLASS/ SUBCLASS | FILING DATE |
|                       | A1 | 6,030,753             | 02/2000 | Lin             |                 |             |
|                       | A2 | 2001-0033466 A1       | 10/2001 | Ooshima et al.  |                 |             |
|                       | A3 | 2002-0024781 A1       | 02/2002 | Ooshima et al.  |                 |             |
|                       | A4 | 2001-0028540 A1       | 10/2001 | Sakaguci et al. |                 |             |
|                       |    |                       |         |                 |                 |             |
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| FOREIGN PATENT DOCUMENTS |  |                 |      |         |                 |                 |    |
|--------------------------|--|-----------------|------|---------|-----------------|-----------------|----|
| EXAMINER INITIAL         |  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES | NO |
|                          |  |                 |      |         |                 |                 |    |
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| EXAMINER INITIAL | OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.) |  |  |  |  |  |
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| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.